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on 11-23-05

By: *Gregory A. P. [Signature]*

PATENT
Attorney Docket No.: H2042101-CIP *1 PM*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

DILLON

Application No.: 10/763,712

Filed: January 21, 2004

For: METHODS AND COMPOSITIONS
FOR EVOLVING MICROBIAL HYDROGEN
PRODUCTION

Examiner: Schlapkohl, W.

Art Unit: 1636

INFORMATION DISCLOSURE
STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97, 1.98, and 1.56, the Examiner in charge of the above-identified application is requested to consider and make record of the references listed on the PTO/SB/08A and 08B forms submitted herewith and appear among the "references cited" on any patent to issue therefrom. A copy of each listed non-patent reference is enclosed.

As provided for by 37 C.F.R. 1.97(g) and (h), no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information, and no inference should be made that the information and references cited are, or are considered to be material to patentability because they are in this statement. No inference

should be made that the information and references cited are prior art merely because they are in this statement.

Since the submission of this Information Disclosure Statement precedes the mailing of a first Office Action on the merits, no fee is required.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'H. Dillon', written over a horizontal line.

Harrison Dillon
Reg. No. 45,661

SOLAZYME, INC.
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Menlo Park, CA 94025
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Attachments: Transmittal form PTO/SB/21
IDS form PTO/SB/08A
IDS form PTO/SB/08B
Ahmann, NSF Grant Proposal 0124821
Ghirardi et al.
Zhang et al.
Happe et al.
Kosourov et al.



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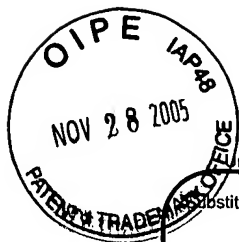
| | | | |
|---|----------------------|------------------------|--------------|
| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 10/763,712 | |
| | Filing Date | January 21, 2004 | |
| | First Named Inventor | Dillon | |
| | Art Unit | 1636 | |
| | Examiner Name | Schlapkohl | |
| Total Number of Pages in This Submission | 5 + refs | Attorney Docket Number | H2042101-CIP |

| ENCLOSURES (Check all that apply) | | |
|---|--|---|
| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input checked="" type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): IDS references (5 documents) |
| Remarks | | |
| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | |
| Firm Name | Solazyme, Inc. | |
| Signature | | |
| Printed name | Harrison F. Dillon | |
| Date | November 22, 2005 | Reg. No. 45,661 |

| CERTIFICATE OF TRANSMISSION/MAILING | | |
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| Typed or printed name | Gingerlei Afuola | Date 11-23-05 |

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PTO/SB/08B (07-05)

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|---|------|--------------------------|--------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) | | Complete if Known | |
| | | Application Number | 10/763,712 |
| | | Filing Date | 01/21/2004 |
| | | First Named Inventor | Dillon |
| | | Art Unit | 1636 |
| | | Examiner Name | Schlapkohl |
| Sheet 1 | of 1 | Attorney Docket Number | H2042101-CIP |

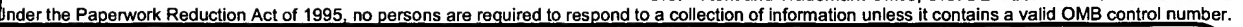
| NON PATENT LITERATURE DOCUMENTS | | | |
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| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | | KOSOUROV, Sustained hydrogen photoproduction by Chlamydomonas reinhardtii: Effects of culture parameters, Biotechnology and Bioengineering, June 30 2002, 731-40, 78(7) | |
| | | HAPPE, Differential regulation of the Fe-hydrogenase during anaerobic adaptation in the green alga Chlamydomonas reinhardtii, Eur. J. Biochem. Feb. 2002, 1022-32, 269(3) | |
| | | ZHANG, Biochemical and morphological characterization of sulfur-deprived and H ₂ -producing Chlamydomonas reinhardtii (green alga), Planta, Feb. 2002, 552-61, 214(4) | |
| | | GHIRARDI, Microalgae: a green source of renewable H ₂ , Trends Biotechnol. Dec. 1, 2000, 506-11, 18 (12) | |
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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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| First Named Inventor | Dillon |
| Art Unit | 1636 |
| Examiner Name | Schlapkohl |
| Attorney Docket Number | H2042101-CIP |

(Use as many sheets as necessary)

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